

# **Plan of Work Update**

**FY 2005 - FY 2006**

**Agricultural Research, Extension and Education Act of 1998**

**United States Department of Agriculture**

**Cooperative State Research, Education and Extension Service (CSREES)**

**Formula Programs**

**University of Illinois Extension – Office of Extension and Outreach**

**- and -**

**Illinois Agricultural Experiment Station - Office of Research**

**University of Illinois**

**April 1, 2004**

**Submitted by,**

**Dennis R. Champion**

**Associate Dean, Office of Extension and Outreach**

**College of Agricultural, Consumer and Environmental Sciences**

**Steven G. Pueppke**

**Associate Dean, Office of Research**

**College of Agricultural, Consumer and Environmental Sciences**

## Overview

At the University of Illinois, Research and Outreach continue an integrated approach to meeting the needs of the citizens of Illinois and the nation at large. This integration has been reinforced through adjunct faculty appointments of Extension Educators in all of the College's subject matter departments. However, the number of faculty FTE's devoted to Extension continues to decline from 20% of the faculty portfolio in 1996 to 12% in 2002.

During 2002-3 , five of the College's departments have experienced leadership changes. During the past year a total of 62 FTE's have been lost to state budget reductions. College administrative and service units have absorbed proportionally larger budget reductions than academic and Extension programs of the College.

Research funding is a concern. State funding for Research experienced real growth in the mid-to-late 1990's due to funding through the Illinois Council on Food and Agricultural Research (C-FAR). Last year, C-FAR funding was slashed to less than half and for the coming fiscal year the future of the organization is at grave risk. C-FAR also served as an efficient funding mechanism for applied Research projects which helped to integrate Research and Extension.

Capital improvements are underway. To name a few – the South Farms Revitalization is moving forward to relocate and improve Beef and Sheep units as well as improved research plots for Crop Sciences. The Expanded Child Development Laboratory opened in 2003. A major gift has been received for building of a Family Resiliency Program. Searches are underway for positions to strengthen the U of I Institute for Genomic Biology initiative as well as the development of the Illinois Food and Nutrition Institute.

Local funding for U of I Extension including the State County Board match, continues to be strong statewide although there are contingency plans to close one office due to a failure to provide sufficient local support. Local tax caps are beginning to contribute to funding pressure in some counties. State support where county or local funds are matched by the State and then passed through the Illinois Department of Agriculture to county trust accounts continues to be strong with almost a dollar for dollar State match. Over the past several years, increased State funding has provided for the establishment of 34 new Youth Development Educators. Overall there has been a decline in University funding and a loss in buying power of formulae funds. University of Illinois Extension is implementing additional funding models, including a more aggressive search for partnerships and cost recovery for selected programs and services.

## **CSREES GOAL 1: An agricultural production system that is highly competitive in the global economy**

### ***Statement of Issues Being Addressed***

Marketing of Illinois' agricultural commodities generates more than \$9 billion annually. Corn accounts for nearly 40 percent of that total. Marketing of soybeans contributes about one-third, with the combined marketings of livestock, dairy and poultry generating about 23 percent. Billions more dollars flow into the State's economy from ag-related industries, such as farm machinery manufacturing, agricultural real estate and production and sale of value-added food products. Rural Illinois benefits principally from agricultural production, while agricultural processing and manufacturing strengthen urban economies.

With more than 950 food manufacturing companies, Illinois is well-equipped to turn the State's crops and livestock into food and industrial products. Food processing is the State's number one manufacturing activity, adding almost \$13.4 billion annually to the value of Illinois' raw agricultural commodities. (Source: Illinois Department of Agriculture)

The issues addressed by Illinois' Research and Extension programs continue to be framed by input from multiple stakeholder sources. During the summer of 2003, key informant interviews were conducted with both statewide stakeholders (such as farm group or commodity group leaders) and local stakeholders. Additional input has been provided by local Extension Units through local assessments conducted in cooperation with Extension planning councils.

Input is also provided by the College's Advisory Committee and departmental advisory committees. Illinois Council on Food and Agricultural Research (C-FAR) provides valued input. C-FAR brings the University of Illinois together in partnership with three other public universities in the state, as well as organizations interested in agriculture, the environment, food, and food processing. Membership includes producer organizations and members of the general public.

### ***Changes and Additions***

Additional issues include expanded efforts around organic agriculture and alternative agriculture enterprises.

### ***Allocated Resources***

See Appendix A.

## **CSREES GOAL 2: A safe, secure food and fiber system**

### ***Statement of Issues Being Addressed***

#### **□ Food Safety**

Food safety is an issue for all families regardless of household resource level and affects producers, processors and consumers. Concerns regarding food safety continue to be expressed by stakeholders.

Research projects are underway to improve methods for food production, food processing, distribution systems, and food services that will ensure safe and high quality food for consumers.

#### **□ Food Security**

Food security involves issues of supply and access. While all citizens have an interest in food security, it is of immediate interest to limited-resource audiences. The College of ACES seeks to address issues of food security at the international, national, state, and local levels through scholarly activity and Extension and Outreach programming.

### ***Changes and Additions***

No substantive changes have been made in this program area other than responding to concerns about bovine spongiform encephalopathy (BSE), Chronic Wasting Disease (CWD) and Foot and Mouth Disease (FMD).

### ***Allocated Resources***

See Appendix A.

## **CSREES GOAL 3: A healthy, well-nourished population**

### ***Statement of Issues Being Addressed***

There are strong interrelationships between diet and health. Research conducted at the University of Illinois College of Agricultural, Consumer and Environmental Sciences seeks to further understand these interrelationships while improving the quality of food and food choices. Since research in isolation is of little value in improving an individual's health, University of Illinois Extension seeks to help consumers improve the quality of their diets through improved food choices. With increased concerns about obesity, especially childhood obesity, Research and Outreach programs are addressing the interrelationships between diet, activity level and health.

### ***Changes and Additions***

Programs and research to address the problems of childhood and adult obesity have been expanded.

***Allocated Resources***

See Appendix A.

**CSREES GOAL 4: Greater harmony between agriculture and the environment**

***Statement of Issues Being Addressed***

College of ACES Research and Outreach programming in the area of production agriculture seeks to integrate environmental and production agriculture concerns, making it difficult to disaggregate production oriented CSREES Goal 1 from CSREES Goal 4. Long-term agriculture production requires the adoption of policies, technologies and practices which insure the protection of the environment.

The College of ACES works closely with the U of I College of Veterinary Medicine and College of Applied Life Studies. Additional partnering is ongoing with other University of Illinois units and other institutions as well.

Other partners are the Illinois Department of Health, the Illinois EPA, the Illinois Department of Agriculture, and county and municipal governments. Extension works with commodity associations, producer organizations, agriculture industry groups, and environmental organizations.

As earlier noted, efforts in Research and Extension combine concerns regarding efficient agricultural production and sustainability of agriculture (harmony with the environment). As noted under Goal 1, the College sees production and sustainability as a joint, integrated as a joint, integrated concern.

***Changes and Additions***

No substantive changes have been made in this area.

***Allocated Resources***

See Appendix A.

**CSREES GOAL 5: To increase the capacity of communities, families and individuals to improve their own quality of life**

***Statement of Issues Being Addressed***

The College of ACES recognizes that among Illinois' greatest resources are its human resources and communities. Research and Outreach programs within the College assist Illinois

communities, families and individuals through economic and community development, family economics, parenting, and youth development.

### ***Changes and Additions***

Our 4-H Youth Development program has embraced the “positive youth development” framework to guide our youth development programs. Study after study have demonstrated that the critical elements of positive youth development produce positive results with youth and adults. While many of these elements have been embedded in the 4-H tradition, making them explicit will assist us in achieving desired impacts.

### ***Allocated Resources***

See Appendix A.

### **Stakeholder Input Process**

There have been no substantive changes in these processes. The methods used continue to be reviewed and monitored to help assure critical issues are addressed.

### **Program Review/Research Review Processes**

No changes have been made in these processes.

**Appendix A: University of Illinois FY 2005-2006 Plan of Work Update  
Projected Human and Fiscal Resources**

	<b>Goal 1</b>	<b>Goal 2</b>	<b>Goal 3</b>	<b>Goal 4</b>	<b>Goal 5</b>	<b>Total</b>
CSREES Research Formula Funds	3,489,490	413,806	248,049	771,422	450,280	5,373,047
All Other Research Funding	38,076,065	4,515,308	2,706,618	8,417,484	4,913,289	58,628,763
<b>Total Research Funding</b>	<b>41,565,555</b>	<b>4,929,115</b>	<b>2,954,666</b>	<b>9,188,906</b>	<b>5,363,568</b>	<b>64,001,810</b>
Scientist Years	79.8	13.8	5.7	26.7	21.2	147
Professional and Technical Support	291	28	23	71	37	449
<b>Total Research Staff Support</b>	<b>371</b>	<b>42</b>	<b>28</b>	<b>97</b>	<b>58</b>	<b>596</b>
CSREES Extension Formula Funds	1,531,606	604,690	1,534,091	513,573	4,099,469	8,283,429
All Other Extension Funding	11,821,646	4,667,281	11,840,826	3,963,991	31,641,603	63,935,347
<b>Total Extension Funding</b>	<b>13,353,252</b>	<b>5,271,971</b>	<b>13,374,917</b>	<b>4,477,564</b>	<b>35,741,072</b>	<b>72,218,776</b>
Professional FTE's	104	17	38	41	166	366
Paraprofessional FTE's	3	47	96	3	71	220
<b>Total Extension Staff Support</b>	<b>107</b>	<b>64</b>	<b>134</b>	<b>44</b>	<b>237</b>	<b>586</b>

Funding estimates based on FY03 expenditures; Goal allocations based proportions reflected in FY2003 expenditures. Staffing totals are derived from budgeted positions.